Common Questions

Scenario

Part A

Jon is a user of the Pegasus system. He wishes to view the graph of the Primary High Sensor parameter in the Auto Ballast grouping of the AESOP payload.

- First, he selects the desired payload (AESOP) from the Payload drop down box. This updates the Grouping drop down box with appropriate values.
- Next, he selects the Auto Ballast grouping. He selects Apply and the graph of the very first parameter in that grouping is displayed.
- Last, he selects High Sensor (Primary) from the parameter drop down box. He selects Apply. This graph displays the last 24 hours of data in the selected parameter.

Part B

Now Jon wants to manipulate the graph he sees on his screen. He notices the data lifespan is from 06:00 on February 6, 2008 to 06:00 on March 5, 2008. He wants to see the data from the middle of this lifespan.

- Under the Time Period section he enters 2/15/2008 06:00 in the Start field.
- He enters 2/17/2009 06:00 in the End field.
- Last, he selects 'Apply'. A new graph is displayed with the desired information.

Part C

Jon only wants to look at the part of the graph between the values of 2 and 4.

- Under the 'Parameter' Value Range, he enters 2 in the Min field.
- He enters 4 in the Max field.
- Last, he selects 'Apply'. A new graph is displayed with the desired information.

Part D

Jon now wants to return to the graph of the last 24 hours of data in the Primary High Sensor parameter.

- Jon selects the button 'Last 24 hours'. The graph returns to the last 24 hours of data.

Part E

Jon now wants to start completely over.

- Jon selects 'Start Over'. This takes Jon back to the very first page where he can select the desired payload and grouping.

Definition of Terms

Graph Selection

This section allows the user to select the desired payload, grouping, and parameter in order for the system to produce a graph.

Payload

This allows the user to select the desired balloon.

Grouping

This allows the user to select the desired grouping.

Parameter

This allows the user to select the desired parameter.

Time Period (x-axis)

This section allows the user to manipulate the time range of the grouping displayed on the graph.
When the graph is first produced, the last 24 hours of data is displayed.

Start

This allows the user to choose the start time of the needed time range of data. This will be the first data point of the graph (left side of graph).

End

This allows the user to choose the end time of the needed time range of data. This will be the last data point of the graph (right side of graph).

Data Lifespan

This is the lifetime of the grouping.

From

This is the beginning time of the grouping. This is the time the very **first** data was collected for this grouping.

This cannot be changed.

To

This is the ending time of the grouping. This is the time the very **last** data was collected for this grouping.
This cannot be changed.

'Parameter' Value Range (y-axis)

This section allows the user to manipulate the value range of the parameter displayed on the graph.

Min

This allows the user to choose the minimum value range wanted to display on the graph.

Max

This allows the user to choose the maximum value range wanted to display on the graph.

Apply

This allows the user to update the graph when any time ranges or values have been changed, or when a different parameter is selected.

Start Over

This allows the user to return to the very first page to select a payload and grouping.

Last 24 Hours

This allows the user to return to the last 24 hours of the parameter already displayed on the graph.